IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: JIAN CAO, et al. Examiner: MICHAEL KAHELIN

Serial No. 10/826,618 Group Art: 3762

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Title: AUTOMATED TEMPLATE GENERATION ALGORITHM FOR

IMPLANTABLE DEVICE

RESPONSE TO FINAL OFFICE ACTION

MAIL STOP AF Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

This paper is in response to the Final Office Action of January 22, 2007.

The presently pending claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 10 of this paper.

The Commissioner is authorized to charge any deficiencies and credit any overpayments to Deposit Account No. 13-2546.